

21st Century Design Patterns

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Design Patterns

- Support teaching and learning – now and tomorrow
- Provide seamless technology integration
- View school as varied and evolving environment



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- Greeting and Gatekeeping
- Safety
- Streetscapes
- Wayfinding
- Flexible Use
- High-Performance
- Ubiquitous Technology
- Varied Spaces
- Collaboration
- Gathering
- Multi-Use Classrooms
- Multi-Purpose Studios
- Teacher Teaming
- Hubs of Activity
- Transparency
- Display and Exhibition



Tewksbury High School / SMMA

Quincy High School / SMMA


Quincy High School / SMMA

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- Clusters of Learning
- Differentiated Instruction
- Distributed Resources
- Professional Workspaces
- Shared Use
- Flexible Furniture
- Sustainable Design
- Building as Teacher
- Branding and Identity
- Traditional Aesthetics
- Lifelong Fitness
- Community Connections
- Maker Spaces
- Indoor/Outdoor Connections
- Building as Community Resource



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Seamless Technology



Cloud
Computing
Tablets
1:1 Ratio



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Flexible Spaces



Movable
Furniture
Walls
Technology



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Flexible Furniture



Movable
Nesting
Stackable
Ergonomic

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Varied spaces



Small
Medium
Large

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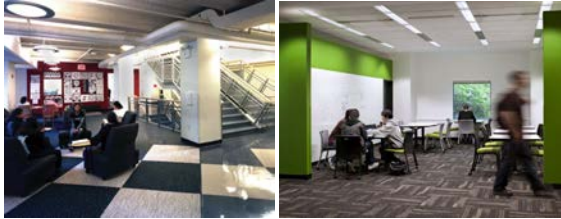

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Ubiquitous Learning

Beyond Classroom Walls

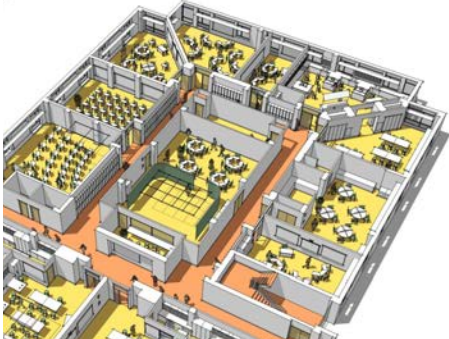
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Learning Studios




**Multi-purpose
Adjacent to
classrooms**



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Community Access

After Hours Resource

Academic Wing

Community Center

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Collaborative Spaces

Planning
Knowing
Creating

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Independent and Small Group Learning



Multi-modal
Virtual
Online



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Greeting and Gatekeeping


Entry


Sequence
Sense of
Place



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Creating Streetscapes




Surprise
 Vistas
 Display
 Gathering
 Wayfinding



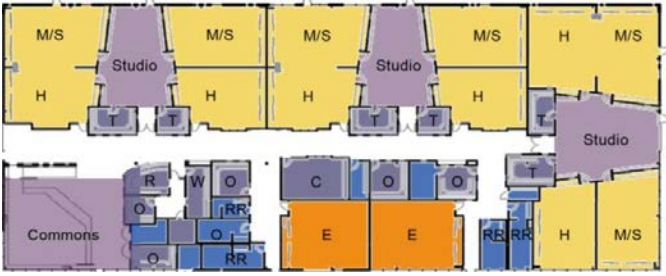


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Distributed Leadership




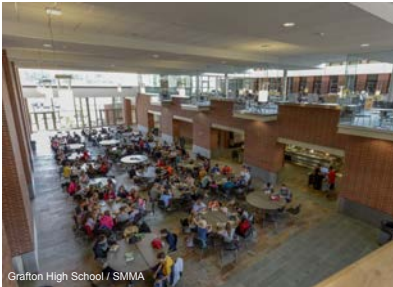
Adult
 Presence
 Distribution
 Access



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Gathering Spaces






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Wellesley High School

**HUBS of
Community
Gathering
Presentation**






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Learning Neighborhoods

Community
Accountability
Ease of access



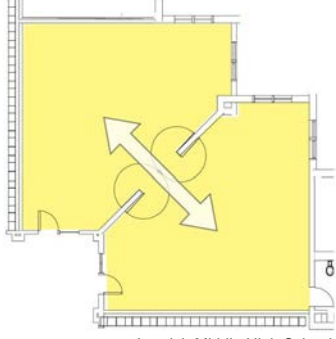


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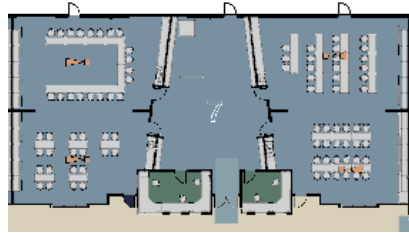
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Teacher Teaming




Ipswich Middle High School

Teaching Teams
Integrated delivery

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Professional Workspaces



Teaming
Teachers
Collaboration
Areas





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Visible Learning



Trans-
parent
Accountable
Independent

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Display and Exhibition



Display
Presentation
Transparency
Visibility

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Indoor/Outdoor Connections

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Extended
Learning
Gathering
Variety

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Maker Spaces & FAB Labs

**Science
Technology
Engineering
Math**


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Sustainable Design

Responsible Design
Building as Teacher

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Adaptive Reuse

Sustainable
Flexible
Varied



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Branding and Identity



Differentiation
Finishes
Public Art

DA VINCI
SCIENCE

DA VINCI
communications

DA VINCI
design

COLOR PAlettes

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Which 21st Century
Design Patterns
should be priorities
for BHS?